

PTO/SB/24 (06-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**EXPRESS ABANDONMENT UNDER  
37 CFR 1.138**

Fax directly to the Pre-Grant Publication Division at (703) 305-8568; or  
mail to: Mail Stop Express Abandonment  
Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450

<b>Application Number</b>	09/903,047
<b>Filing Date</b>	July 11, 2001
<b>First Named Inventor</b>	Yuri V. Melnick
<b>Art Unit</b>	1765
<b>Examiner Name</b>	Felisa C. Hiteshew
<b>Attorney Docket Number</b>	700624-2001

**Please check only one of boxes 1 or 2 below:**

(If no box is checked, this paper will be treated as a request for express abandonment as of the filing date of this paper.)

**1.  Express Abandonment**

I request that the above-identified application be expressly abandoned as of the filing date of this paper.

**2.  Express Abandonment in Favor of a Continuing Application**

I request that the above-identified application be expressly abandoned as of the filing date accorded the continuing application filed herewith.

**FAX RECEIVED****MAY 20 2005****OFFICE OF PETITIONS**

**NOTE:** A paper requesting express abandonment of an application is not effective unless and until an appropriate USPTO official recognizes and acts on the paper. See the Manual of Patent Examining Procedure (MPEP), section 711.01.

**TO AVOID PUBLICATION, PLEASE USE FORM PTO/SB/24A INSTEAD OF THIS FORM.**

I am the

- applicant.
- assignee of record of the entire interest. See 37 CFR 3.71  
Statement under 37CFR 3.73(b) is enclosed. (Form PTO/SB/96)
- attorney or agent of record. Registration Number \_\_\_\_\_
- attorney or agent acting under 37 CFR 1.34 (may act under 37 CFR 1.34  
only if box 2 above, stating that the application is expressly abandoned in favor of  
a continuing application, is checked). Attorney or agent registration number if acting under  
37 CFR 1.34. 50,791 (Gary D. Lueck)  
(Attorney or agent registration number)

Signature

Gary D. Lueck

Typed or printed name

May 20, 2005

Date

213.680.6813

Telephone Number

Note: Signature of all the inventors or assignees of record of the entire interest or their representative(s) are required.  
Submit multiple forms if more than one signature is required, see below.

 Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Express Abandonment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

05/20/2005 12:11 FAX 213 6806499

BINGHAM McCUTCHEN 2

012/032

**ATTACHMENT C**

Docket No. 700624-2001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventors: Yuri V. Melnick, et al.

App. No: 09/903,047

Filed: July 11, 2001

Status: Issue Fee Paid

Title: Method for Achieving Low Defect  
Density AlGaN Single Crystal Boules

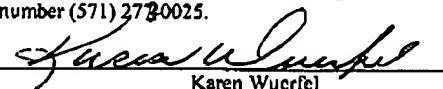
Group Art Unit: 1765

Examiner: Felisa C. Hiteshew

Certificate of Mailing Under  
37 C.F.R. § 1.8

Date of Deposit: May 20, 2005

I hereby certify that this correspondence and all attachments are being transmitted via facsimile to Office of Petitions, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, to facsimile number (571) 272-0025.



Karen Wuerfel

PETITION TO EXPRESS ABANDONMENT  
TRANSMITTAL

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FAX RECEIVED

MAY 20 2005

OFFICE OF PETITIONS

Sir:

## 1. DOCUMENTS ENCLOSED:

- Express Abandonment Under 37 CFR 1.138 (PTO/SB/24) (1 page).
- Authorization By Assignee For Petition For Express Abandonment of Application (copy of page 2 / signature page submitted on March 29, 2005) (2 pages).

## 2. PETITION FEE:

- The Commissioner is hereby authorized to charge to Bingham McCutchen's Deposit Account No. 50-2518 the fee of \$130.00 for this petition, as set forth in 37 CFR § 1.17(h), docket number 700624-2001.

Docket No. 700624-2001



The Commissioner is authorized to charge Bingham McCutchen's Deposit Account No. 50-2518 for any fees required that are not covered, in whole or in part, by a check enclosed herewith and to credit any overpayments to said Deposit Account No. 50-2518, docket number 700624-2001.

Respectfully submitted,

BINGHAM McCUTCHEN LLP

Dated: May 20, 2005

By:   
Gary D. Lueck  
Reg. No. 50,791

BINGHAM McCUTCHEN LLP  
Three Embarcadero, Suite 1800  
San Francisco, CA 94111-4067  
(650) 849-4400

**ATTACHMENT B**

Docket No. 700624-2001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventors: Yuri V. Melnick, et al.

App. No: 09/903,047

Filed: July 11, 2001

Status: Issue Fee Paid

Title: Method for Achieving Low Defect Density AlGaN Single Crystal Boules

Group Art Unit: 1765

Examiner: Felisa C. Hiteshew

Certificate of Mailing Under  
37 C.F.R. § 1.8

Date of Deposit: May 20, 2005

I hereby certify that this correspondence and all attachments are being transmitted via facsimile to Office of Petitions, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, to facsimile number (571) 273-0025.

  
Karen WuerfelAUTHORIZATION BY ASSIGNEE FOR  
PETITION TO EXPRESSLY ABANDON APPLICATION  
**FAX RECEIVED**Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

MAY 20 2005

OFFICE OF PETITIONS

Sir:

**TECHNOLOGIES AND DEVICES INTERNATIONAL, INC. (TDII),** 12214 Plum Orchard Drive, Silver Spring, Maryland 20904, is the assignee of the entire right, title and interest in this patent application, as reflected in the assignment recorded at Reel/Frame 012268 / 0388.

As President of TDII, I authorize the express abandonment of the above-identified application.

Please direct all written communications relative to this application to:

**Gary D. Lueck**  
Bingham McCutchen LLP  
Three Embarcadero Center, Suite 1800  
San Francisco, CA 94111-4067

Please direct all telephone communications to Gary D. Lueck at (213) 680-6400.

Docket No. 700624-2001

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to TDII, which:

is filed for recordation herewith; or  
 was recorded at Reel 012268, Frame 0388; or  
 has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in TDII. Furthermore, the undersigned is empowered to sign this document on behalf of TDII.

TECHNOLOGIES AND DEVICES,  
INTERNATIONAL, INC.

Date: March 25, 2005 By: Vladimir Dmitriev  
Name: Vladimir Dmitriev  
Title: President